

SYSTEM AND METHOD FOR MAKING
INCISIONS FOR SCLERAL EYE IMPLANTS

ABSTRACT OF THE DISCLOSURE

5 A system and method is disclosed for making incisions in the sclera of an eye to form a scleral pocket to receive a scleral prosthesis. The system and method comprises a surgical tool comprising a surgical blade for making incisions in the sclera of an eye. When a surgeon places the surgical blade on the sclera
10 of the eye a pressure sensor in the surgical tool determines whether there is sufficient pressure between the surgical tool and the sclera of the eye for the surgical tool to operate properly. The surgeon activates the surgical tool to cause the surgical blade to advance through the sclera to form an incision
15 having dimensions to receive a scleral prosthesis. When the incision is complete the surgical blade is rotated back out of the incision. The incision has the exact dimensions to receive a scleral prosthesis.